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ALTERNATIVE TO PTO/SB/08a/b (07-05)

Substitute for form 1449/PTO				Complete if Known	
				Application Number	10/519,141
				Filing Date	December 27, 2004
				First Named Inventor	Robert DWILINSKI
				Art Unit	2828-1723
				Examiner Name	Not Yet Assigned (fifeshew)
Sheet	1	of	1	Attorney Docket Number	204552034000

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
HT	1.	6,329,215-B1	12-11-2001	POROWSKI et al.	
HT	2.	6,593,589-B1	07-15-2003	OSINSKI et al.	

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Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				

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NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS); title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²

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Examiner Signature	<i>J. fiteshew</i>	Date Considered	11/8/06
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Va-174332



Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet	1	of	1	Attorney Docket Number	204552034000
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U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
FH	1.	5,679,965-A	10-21-1997	SCHETZINA et al.	
	2.	6,046,464-A	04-04-2000	SCHETZINA et al.	
	3.	6,399,500-B1	06-04-2002	POROWSKI et al.	
	4.	6,447,604-B1	09-10-2002	FLYNN et al.	
	5.	6,459,712-B2	10-01-2002	TANAKA et al.	
FH	6.	6,488,767-B1	12-03-2002	XU et al.	

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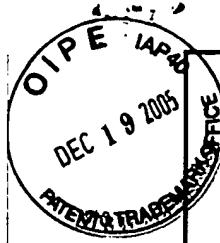
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Examiner Signature		Date Considered	11/8/06
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Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet

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Complete if Known	
Application Number	10/519,141
Filing Date	December 27, 2004
First Named Inventor	Robert DWILINSKI
Art Unit	2828 /722
Examiner Name	Not Yet Assigned/ <i>H. Flesher</i>
Attorney Docket Number	204552034000

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Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
F.H.	1.	6,252,261-B1	06-26-2001	USUI	
	2.	6,468,882-B2	10-22-2002	MOTOKI	
	3.	6,509,651-B1	01-21-2003	MATSUBARA	
	4.	6,720,586-B1	04-13-2004	KIDOGUCHI	
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	6.	2002/0031153-A1	03-14-2002	NIWA	
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	8.	2002/0063258-A1	05-30-2002	MOTOKI	
F.H.	9.	2002/0078881-A1	06-27-2002	CUOMO	

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NON PATENT LITERATURE DOCUMENTS

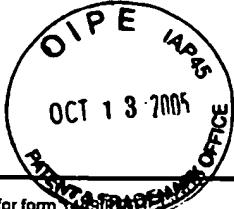
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Examiner Signature	<i>S. H. Flesher</i>	Date Considered	<i>11/18/06</i>
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va-146100



ALTERNATIVE TO PTO/SB/08a/b (08-03)

Substitute for form 1459, TRADEMARK OFFICE				Complete if Known	
				Application Number	10/519,141
				Filing Date	December 27, 2004
				First Named Inventor	Robert DWILINSKI
				Art Unit	Not Yet Assigned 1732
				Examiner Name	Not Yet Assigned Hateshew
Sheet	1	of	1	Attorney Docket Number	204552034000

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Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
FH	1.	WO-02/101120-A2	12-19-2002		✓

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FH	2.	T. Inoue et al. (2001) "Growth of Bulk GaN Single Crystals by the Pressure-Controlled Solution Growth Method," <i>Journal of Crystal Growth</i> 229, pp. 35-40			
✓	3.	M. K. Kelly et al. (1996) "Optical Patterning of GaN Films," <i>Appl. Phys. Lett.</i> 69(12), pp. 1749-1751			
✓	4.	W. S. Wong et al. (1999) "Fabrication of Thin-Film InGaN Light-Emitting Diode Membranes by Laser Lift-Off," <i>Applied Physics Letters</i> 75(10), pp. 1360-1362			
FH	5.	S. Porowski et al. (1993) "Prospects for High-Pressure Crystal Growth of III-V Nitrides," <i>Inst. Phys. Conf. Ser.</i> No. 137, Chapter 4, pp. 369-372			

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Examiner Signature	<i>FH</i>	Date Considered	11/8/06
va-138062			

10/519141
DT05 Rec'd PCT/PTO 27 DEC 2004.

ALTERNATIVE TO PTO/SB/08a/b (06-03)

Substitute for form 1449/PTO				Complete If Known	
				Application Number	Not Yet Assigned
				Filing Date	Concurrently Herewith
				First Named Inventor	Robert DWILINSKI
				Art Unit	Not Yet Assigned 1737
				Examiner Name	Not Yet Assigned Hitesh
Sheet	1	of	1	Attorney Docket Number	204552034000

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F.H.	1.	US-6,249,534-B1	06-19-2001	Itoh et al.	
F.H.	2.	US-6,177,057	01-23-2001	Purdy	

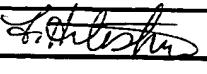
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		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)			
F.H.	3.	FR-2796657-A	01-26-2001		✓
F.H.	4.	WO-9855671-A	12-10-1998		✓
F.H.	5.	GB-2326160-A	12-16-1998		✓
F.H.	6.	JP-10-7496	01-13-1998	abstract	
F.H.	7.	JP-7-249830	09-26-1995	abstract	
F.H.	8.	JP-2-137287	05-25-1990	abstract	
F.H.	9.	JP-9-134878	05-20-1997	abstract	
F.H.	10.	EP-0949731-A2	10-13-1999		✓

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F.H.	11.	Aoki et al. "Growth of GaN Single Crystals from a Na-Ga Melt at 750°C and 5MPa of N ₂ ," Journal of Crystal Growth 218 (2000); pp. 7-12			
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F.H.	15.	Yano et al. "Control of Nucleation Site and Growth Orientation of Bulk GaN Crystals," Jpn. J. Appl. Phys. Vol 38 (1999) pp. L1121-1123			

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va-88197			